

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"10578442"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 14:51
L2	86	(water with quality with analy\$5).dm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 14:54
L3	561	(water with quality with analy\$5) and (cl or chlorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 14:58
L4	59	(water with quality with analy\$5) with (cl or chlorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 14:58
L5	2	("6054030").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/05/24 15:06
L6	32	(Sagawa with Kiyoshi).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:13
L7	0	chlorine adj meter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:18
L8	169	chlorine adj meter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:18
L32	83	(kiyoshi with sagawa).in. or (shinichi with harima). in. or (kazuo with onaga). in. or (junko with yanagitani).in. or (osamu with inazawa).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:36
L33	433	(TANITA with CORPORATION).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:36
L34	10	l33 and (chlorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:37
L35	14	l32 and chlorine	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:37



L36	16295	702/22,100.ccls. or 436/125.ccls. or 205/789,743,775.ccls. or 210/93,743,746.ccls. or 204/400-435.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:48
L38	2764	I36 and ((chlorine or ph or water) with sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:49
L39	3197	I36 and ((chlorine or ph or water) with (meter or sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:49
L40	2016	I39 and (impedance or resist\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:49
L41	17	I36 and ((water with quality with analyzer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:50
L42	3	I41 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/05/24 15:50
S1	2968	204/400,416,433.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:06
S2	1422	water near5 quality near5 analy\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S3	1088	water near3 quality near3 analy\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S4	948	water near quality near3 analy\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S5	9	S4 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:07
S6	2	(S4 and S1) and (imped \$5 or resist\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:08
S7	0	204/400,416,433.ccls. and (impedance near5 adjust)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:14
S8	12	204/400,416,433.ccls. and (impedance near5 control)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:14
S9	71	204/400,416,433.ccls. and (impedance near5 circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:16
S10	63	S9 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:16



S11	820	chlorine near5 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:19
S12	23	S11 and (impedance near5 (circuit or sensor or switch or control))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:19
S13	1	S11 and (impedance near5 (circuit or sensor or switch or control) near5 resistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:20
S14	1721	resistor with voltage adj divider with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:32
S15	83	resistor with voltage adj divider with electrode with impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:32
S16	1	S15 and (water near quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:32
S17	0	((two or pair or multiple) near5 electrode) with (impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S18	0	( electrode) with (impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S19	0	( lectrode) with (impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S20	1	(impedance near adjustment near means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:53
S21	1	"impedance adjustment means"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:54
S22	1	impedance adj adjustment adj means	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:54
S23	0	"impedance adjustment means" and "20070084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S24	0	"impedance adjustment mean" and "20070084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S25	0	"impedance adjustment mean" and "2007/0084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S26	2	"20070084722"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55



S27	0	S26 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S28	2	S26 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:55
S29	0	S26 and "impedance adjustment means"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:56
S30	0	S26 and (impedance with adjustment with means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:56
S31	16	(impedance with adjustment with means)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:56
S32	0	electrode with impedance with detect\$5 with resistor with dispersion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:57
S33	200	electrode with impedance with detect\$5 with resistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:57
S34	0	S33 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:57
S35	146	S1 and (dispersion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:58
S36	39	S1 and (dispersion with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 13:58
S37	1	S4 and (offset adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:01
S38	28	S1 and (offset adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:01
S39	119	S1 and (chlorine and pH)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:17
S40	112	S39 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:25
S41	27	S40 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 14:26
S42	70977	(sensing or indicat\$5) near5 electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:18



S43	557	S42 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19
S44	96	S43 and (chlorine and pH)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19
S45	16	S44 and resistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19
S47	15	S44 and amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:19
S48	8	S45 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:20
S49	0	S43 and (resistor and (voltage adj divider))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:27
S50	13	S43 and (resistor and (voltage adj divider))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:27
S51	0	"324".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:41
S52	0	"324/\$".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:41
S53	137805	"324".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:41
S54	13	S53 and (water near5 quality near5 analy\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:42
S55	73	S53 and (chlorine and pH)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:48
S56	35	S55 and (resistance or impedance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/21 15:49
S57	2	"20060102478"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 11:50
S58	2	(flow adj inhibitor) with hemoglobin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 11:55
S59	71	(polyamine) with hemoglobin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 11:56



S60	4	(polyamine or flow adj inhibitor) with electroosmotic near5 flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 12:06
S61	2	"20090200166"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 15:44
S62	0	putrescine with hemaglobin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/22 17:46
S63	44	impose with offset near5 voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/25 17:04
S64	1722	resistor with (voltage adj divider) with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/25 17:08
S65	3	"2002214220"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:37
S66	7192	(variable near5 resistance) and (electromotive or nernst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:42
S67	2271	(variable near5 resistance) with (electromotive or nernst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:42
S69	1702	S67 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:43
S70	1	S69 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:44
S71	2271	(variable near5 resistance) with (electromotive or nernst or potentiomet\$5) with (variable or vary or alter \$5 or adjust\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:45
S72	1702	S71 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:45
S73	1	S72 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:45
S74	2970	204/400,416,433.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:46



S75	1	S74 and ((variable near5 resistance) with (electromotive or ernerst or potentiomet\$5) with (variable or varry or alter \$5 or adjust\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:46
S76	5552	((impedance or resistance) with (electromotive or ernerst or potentiomet\$5) with (variable or varry or alter \$5 or adjust\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:47
S77	4	S76 and (water near5 quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:47
S78	41522	((impedance or resistance) with (variable or varry or alter\$5 or adjust\$5)) and water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S79	2174	((impedance or resistance) with (variable or varry or alter\$5 or adjust\$5)) and (water or liquid) near5 (quality or analyz\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S80	2174	((impedance or resistance) with (variable or varry or alter\$5 or adjust\$5)) and ((water or liquid) near5 (quality or analyz\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S81	720	S80 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:54
S82	412	S69 and ((water or liquid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 11:57
S83	9	(adjust or varry or change) near5 electrodes near5 (variable adj resistance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/26 12:14
S84	7	(adjust or varry or change) near5 (variable adj resistance) near5 electrodes	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/01/26 12:15
S85	136	((impedance or resistance) with (variable or varry or alter\$5 or adjust\$5)) with electrodes and ((water or liquid) near5 (quality or analyz\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:16



S86	22	S85 and (electromotive or ernerst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:19
S87	22	S85 and (electromotive or ernerst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:19
S89	116	((change or adjust) near5 resistance and ((water or liquid) near5 (quality or analyz\$3)) and (electromotive or ernerst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:37
S90	58	S89 and @py< "2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:37
S91	6	((change or adjust) near5 resistance near5 electrode) and ((water or liquid) near5 (quality or analyz\$3)) and (electromotive or ernerst or potentiomet\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:38
S92	4	(impedance adj element) and (water adj quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 12:55
S93	2072	(voltage adj divider) with potentiometer with resistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:05
S94	1	(voltage adj divider) with potentiometer with resistor with (division adj ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:06
S95	74173	(voltage adj divider) or potentiometer with resistor with (division adj ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:06
S96	168	((voltage adj divider) or potentiometer) with resistor with (division adj ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/01/26 13:06
S97	146	galvanic adj sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:07
S98	4	S97 and (offset with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:07
S99	2	(water with quality with sensor) with ohm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:11
S100	0	(water with quality with sensor) with (impedance adj value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:18



S101	532	((impedance adj element) with (impedance adj value)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:19
S102	0	((impedance adj element) with (impedance adj value)) and (water adj quality adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:19
S103	5	((impedance adj element) with (impedance adj value)) and (water with sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:19
S104	1	((impedance adj element) with (impedance adj value)) and (chlorine with sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:20
S105	88	((impedance adj element) with (impedance adj value)) and (sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:21
S106	6	((impedance adj element) with (impedance adj value)) and (sensor) and "M.OMEGA"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:21
S107	9	((impedance adj element) with (impedance adj value)) and (sensor) and ("M.OMEGA" or "k.OMEGA")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:22
S108	5255	(resistor) and ac and ("M.OMEGA" or "k.OMEGA")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:31
S109	190	S108 and ((chlorine or ph or water) with sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 15:31
S110	2	("5355577").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/21 17:00
S111	2	"20070152206"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 17:03
S112	79	offset with voltage with ampli\$6 with superpos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:17
S113	0	S112 and (water with qualtiy)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:17
S114	1	S112 and (water with quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:17



S115	1	superimpose with offset with voltage with sense with voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:30
S116	0	superimpose with offset with voltage and (galvanic adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:33
S117	0	offset with voltage with sensed with voltage and (galvanic adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:33
S118	5	calibrate with galvanic with (sensor or cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:37
S119	370	calibrate with offset with voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:42
S120	70	calibrate with offset with voltage with amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/21 18:42
S121	17	galvanostat adj circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 09:32
S122	3	"11245878"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 09:50
S123	56069	gain near3 set\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:36
S124	62	204/400-435.ccls. and S123	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:36
S125	559	(gain adj circuit) near3 set \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:39
S126	0	204/400-435.ccls. and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:39
S127	18709	702/25.ccls. or 324/694,439,464.ccls. or 250/281.ccls. or 210/85.ccls. or 204/400-435.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:45
S128	0	S127 and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:46
S129	126	S127 and S123	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:46
S130	68	S129 and @py<"2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 10:46



S131	10863	sagawa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:00
S132	30	(kiyoshi with sagawa).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:00
S133	80	(kiyoshi with sagawa).in. or (shinichi with Harima). in. or (kazuo with onaga). in. or (junko with yanagitani).in. or (osamu with inazawa).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:01
S134	15	S133 and (galvanic or galvanometer or (water adj quality) or chlorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:01
S135	1923	tanita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:02
S136	22	S135 and (galvanic or galvanometer or (water adj quality) or chlorine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 11:02
S137	1	"10578442"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 11:11
S138	0	204/400-435.cdis and (galvanic and (control with voltage with gain))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 11:41
S139	84	(galvanic and (control with voltage with gain))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 11:41
S140	153	galvanic and non-linearity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 11:45
S141	2	(impedance or resistor) with amplifier with (offset adj voltage adj supply) with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 12:35
S142	41963	(impedance or resistor) with between with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 12:38
S143	581	S142 and (galvanic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 12:39
S144	105	S142 and (galvanic adj (cell or sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 12:39
S145	24704	resistor with between with electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 12:40



S146	34	S145 and (galvanic adj (cell or sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 12:40
S147	2	S146 and (offset adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 14:21
S148	11	(galvanic adj (cell or sensor)) and (offset adj voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 14:22
S149	241	chlorine adj sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 14:51
S150	0	S149 and (offset adj voltage adj supply)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 14:51
S151	21	S149 and (resistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 14:51
S152	6	("5346605"   "6054030"   "6653842").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 15:24
S153	2	"20070035473"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:39
S154	2	"20020039743"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:46
S155	3	"11019948"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:46
S156	722	(Frey with Alexander).in. or (Hofmann with Franz).in. or (Holzapfl with Birgit).in. or (Paulus with Christian).in. or (Schiele with Meinrad).in. or (Thewes with Roland).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:49
S157	423	S156 and (switch or gate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:49
S158	36	S157 and biosensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:49
S159	0	S157 and (interdigitated adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:58
S160	73	S157 and (biosensor dj zone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 16:59



S161	0	biosensor adj array with (switching adj element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 17:14
S162	582	biosensor adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 17:14
S163	277	S162 and (gate or switch \$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 17:15
S164	132	S162 and (gate or switch \$5 with individual)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 17:15
S165	263	S162 and (gate or MOS or get)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 17:17
S166	230	S162 and (gate or MOS or fet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 17:17
S167	24	S162 and ((gate or MOS or fet) near array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/03 17:17
S168	4	("4227974").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/01/04 10:05
S169	82	(kiyoshi with sagawa).in. or (shinichi with harima).in. or (kazuo with onaga).in. or (junko with yanagitani).in. or (osamu with inazawa).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/01/04 10:15

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L37	9393	702/22,100.ccls. or 436/125.ccls. or 205/789,743,775.ccls. or 210/93,743,746.ccls. or 204/400-435.ccls.	USPAT; UPAD	OR	ON	2011/05/24 15:48
L43	1494	l37 and impedance	USPAT; UPAD	OR	ON	2011/05/24 15:51
L44	79	l37 and (water with quality with (analyze or detect or determine or monitor))	USPAT; UPAD	OR	ON	2011/05/24 15:51
L45	0	l44 and impeance	USPAT; UPAD	OR	ON	2011/05/24 15:51
L46	15	l44 and impedance	USPAT; UPAD	OR	ON	2011/05/24 15:51



L47	0	(water with electrodes with metal with impedance).dm.	USPAT; UPAD	OR	ON	2011/05/24 15:57
L48	0	(water with electrode with metal with impedance).dm.	USPAT; UPAD	OR	ON	2011/05/24 15:57
L49	37	(water with electrode with impedance).dm.	USPAT; UPAD	OR	ON	2011/05/24 15:57

5/ 24/ 2011 4:00:50 PM

C:\ Documents and Settings\ JDIETERLE\ My Documents\ EAST\ Workspaces\ 10578442.wsp